HARBERD et al -- Serial No.: 09/485,529

IN THE CLAIMS:

Please substitute the following amended claims for corresponding claims previously presented. A copy of the amended claims showing current revisions is attached.

E15

1. (Twice Amended) An isolated polynucleotide encoding a polypeptide which comprises the amino acid sequence of a *Rht* polypeptide obtained from *Triticum aestivum*, said sequence comprising the amino acid sequence DELLAALGYKVRASDMA (SEQ ID NO:104),

and which on expression in a *Triticum aestivum* plant provides inhibition of growth of the plant, which inhibition is antagonised by gibberellin.

Please cancel claim 2 without prejudice.

E16

3. (Twice Amended) An isolated polynucleotide according to claim 1 which includes the nucleotide sequence of nucleic acid obtained from *Triticum aestivum* encoding the *Rht* polypeptide, the nucleotide sequence including GACGAGCTGCTGGCGGCGCTCGGGTACAAGGTGCGCGCCTCCGACATGGCG (SEQ ID NO:105).

Sub F1 6. (Twice Amended) An isolated polynucleotide encoding a polypeptide which comprises the amino acid sequence DELLAALGYKVRASDMA (SEQ ID NO:104) and which on expression in a plant provides inhibition of growth of the plant, which inhibition is antagonised by gibberellin,

wherein said polynucleotide specifically hybridizes to the sequence of Figure 8A (SEQ ID NO: 14) at 42°C in 0.25M Na_2HPO_4, pH 7.2, 6.5% SDS, 10% dextran sulfate and a final wash at 55°C in 0.1X SSC, 0.1% SDS.

Please cancel claims 7 to 9 without prejudice.

Sub F2 ~~14.~~ (Twice Amended) An isolated polynucleotide encoding a polypeptide which on expression in a plant confers a phenotype on the plant which is gibberellin-unresponsive dwarfism or which on expression in a *rht* null mutant phenotype plant complements the *rht* null mutant phenotype, such *rht* null mutant phenotype being resistance to the dwarfing effect of paclobutrazol,

wherein said polynucleotide specifically hybridizes to the polynucleotide sequence of Figure 8A (SEQ ID NO: 14) at 42°C in 0.25M Na_2HPO_4, pH 7.2, 6.5% SDS, 10% dextran sulfate with a final wash at 55°C in 0.1X SSC, 0.1% SDS.

E19

15. (Amended) An isolated polynucleotide according to claim 14 wherein the polypeptide includes the amino acid sequence of a *Rht* polypeptide obtained from *Triticum aestivum*, with the amino acid sequence DELLAALGYKVRASDMA (SEQ ID NO:104) deleted.

Please cancel claims 16, 30 and 31 without prejudice

E20 Sub F10

~~32.~~ (Twice Amended) A nucleic acid vector suitable for transformation of a plant cell and including the polynucleotide according to claim 1.

33. (Twice Amended) A host cell containing a heterologous polynucleotide or nucleic acid vector comprising the isolated polynucleotide according to claim 1.

E21 Sub F11

~~36.~~ (Amended) A plant cell according to claim 35 having heterologous said polynucleotide in its genome.

37. (Amended) A plant cell according to claim 36 having more than one said polynucleotide per haploid genome.

38. (Twice Amended) A plant cell according to claim 35 which is comprised in a plant, a plant part or a plant propagule, or an extract of a plant.

39. (Amended) A method of producing the host cell according to claim 33, the method including incorporating said polynucleotide or nucleic acid vector into the cell by means of transformation.

40. (Amended) The method according to claim 39 which includes recombining the polynucleotide with the cell genome nucleic acid such that it is stably incorporated therein.

41. (Twice Amended) The method according to claim 39 which further includes regenerating a plant from one or more transformed cells.

42. (Twice Amended) A plant comprising the plant cell according to claim 35.

45. (Amended) A method according to claim 44 further including sexually or asexually propagating or growing off-

spring or a descendant of the plant regenerated from said plant cell.

F22 Cont'd

Sub F13

56. (Twice Amended) A method of influencing the growth of a plant, the method including causing or allowing expression from a heterologous polynucleotide comprising the isolated polynucleotide according to claim 1 within cells of the plant.

Please cancel claims 55 and 56 without prejudice.

IN THE ABSTRACT:

After page 61, add the "Abstract of the Disclosure" submitted herewith on a separate sheet.

REMARKS

Reconsideration of this application and entry of the foregoing amendments are respectfully requested.

At the outset, Applicants note that claims 10-13, 17-25 and 48-54 are indicated as being drawn to non-elected inventions. It is appreciated that claims 48-54 are covered by one of non-elected Groups II-V. Claims 10-13, however, all depend, directly or indirectly, from claim 9,